

JAN 29 1982
U.S. DEPARTMENT OF LABOR
 WORKPLACE STANDARDS ADMINISTRATION
 BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

FORM NO. OSHA-20 (MODIFIED)
 MAY 1971
 DPM
 MDC CONTROL NO. **2715**

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 24600 South Main Street, Carson, California 90745		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Turco Pretreat	
CHEMICAL FAMILY	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Pressure spray units contain 55%/wt. product and 45%/wt. Freon 11 and 12			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Toluene				70	200PPM
Aluminum silicate				5	
Methyl ethyl ketone				10	200PPM
Other components not defined as hazardous by US Department of Labor					
Carcinogens - none					

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	Approx.	180°F	SPECIFIC GRAVITY (H ₂ O = 1)	0.89
VAPOR PRESSURE (mm Hg.)	Approx.	50mm	PERCENT VOLATILE BY VOLUME (%)	90
VAPOR DENSITY (AIR = 1)	More than	1	EVAPORATION RATE <i>butyl acetate</i>	More than 1
SOLUBILITY IN WATER		slight		
APPEARANCE AND ODOR	Orange liquid, toluene odor			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	40°F T.C.C.	FLAMMABLE LIMITS	Lel unkwn	Uel unkwn
EXTINGUISHING MEDIA	Carbon dioxide			

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
 USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Impairment of coordination and reaction time.

EMERGENCY AND FIRST AID PROCEDURES

Skin contact; wash with soap and water. Eye contact; flush with water, obtain medical attention. Ingestion; do not induce vomiting, give milk or water, obtain medical attention.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up spillage and dispose of rags in metal container

WASTE DISPOSAL METHOD

As for toluene

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Activated charcoal

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

EYE PROTECTION

x

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Transport and store in closed containers
at temperatures between 32°F and 100°F

OTHER PRECAUTIONS

Use precautions for flammable liquid

PREPARED BY

DATE